

ABSTRACT OF THE DISCLOSURE

There is disclosed an ink jet recording apparatus comprising a color ink container having a capacity  $V_1$  accommodating therein a solvent polymerizable in the presence of an acid and a colorant, a reaction liquid container having a capacity  $V_2$  ( $V_2 < V_1$ ) accommodating therein a reaction liquid comprising a solvent, and a photo-acid generating agent capable of generating an acid when irradiated with light, an stirring container mixing the color ink and the reaction liquid at a mixing ratio of  $S_1:S_2$  (the color ink : the reaction liquid) to prepare a recording ink, a color ink supply means feeding the color ink to the stirring container, a reaction liquid supply means feeding the reaction liquid to the stirring container, an ink jet recording head ejecting the recording ink to a recording medium, and a supply tube feeding the recording ink to the recording head.